

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                               |   |            |
|-------------------------------|---|------------|
| APPLICANT: Staley A. Brod     | § | ART UNIT:  |
|                               | § | 1 2 6 1    |
| FILED: April 15, 1996         | § |            |
|                               | § | EXAMINER:  |
| SERIAL NO.: 08/631,470        | § | Sayala, C. |
|                               | § |            |
| FOR: Method of Treating Auto- | § |            |
| Immune Diseases Using Type    | § | DOCKET:    |
| One Interferons               | § | D5716CIP2  |

The Assistant Commissioner of Patents  
BOX NON-FEE AMENDMENT  
Washington, DC 20231


COMPLIANCE OF REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES

Dear Sir:

Applicant provides a computer readable form of the Sequence Listing on the enclosed 3.5 inch disk and a paper copy thereof for the above-referenced application. The disk is a 1.44 mb Macintosh-formatted disk. The file is stored as D5716CIP2/SEQ in text format. I hereby state that the content of the paper copy of the Sequence Listing filed as part of the above-captioned application and the enclosed computer readable copy of the Sequence Listing are the same.

Respectfully submitted,

Date: 11/6/98  
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58 NOV 18 AM 10:45  
RECEIVED  
GROUP 1300

PAGE: 01/1

RAW SEQUENCE LISTING

DATE: 10/02/98

PATENT APPLICATION US/08/631,470

TIME: 09:07:26

Input Set: H631470.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

*new format*

- 1 <110> Brod, Staley A.
- 2 <120> Methods of Treating Auto-Immune Diseases Using Type One Interferons
- 3 <130> D5716CIP2/CPA
- 4 <140> US/08/631,470
- 5 <141> 1996-04-12
- 6 <150> US 08/226,631
- 7 <151> 1994-04-12
- 8 <160> 6

Does Not Comply  
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

E--> 9 <210> 1  
 10 <211> 20 *21 show*  
 11 <212> DNA  
 12 <213> artificial sequence  
 13 <220>  
 14 <221> primer\_bind  
 15 <222>  
 16 <223> synthesized  
 17 <400> 1  
 E--> 18 gtggagcagg acctggccctg  
*group 11*

20 21

E--> 19 <210> 5  
 20 <211> 21 *20 show*  
 21 <212> DNA  
 22 <213> artificial sequence  
 23 <220>  
 24 <221> primer\_bind  
 25 <222>  
 26 <223> synthesized  
 27 <400> 5  
 E--> 28 accagatcc ctctggtgct g  
*group 19*

21 20

Please review the Sequence Listing to ensure that a corresponding explanation is presented in the "Other Information" element of each sequence which presents at least one n or Xaa.

Input Set: H631470.RAW

| Line | ? Error/Warning                             | Original Text          |    |
|------|---|------------------------|----|
| 10   | E Input 20, Calc# Bases 21 differ           | <211> 20               |    |
| 18   | E Number of Bases conflict w/ Running Total | gtggagcagg acctggccctg | 20 |
| 20   | E Input 21, Calc# Bases 20 differ           | <211> 21               |    |
| 28   | E Number of Bases conflict w/ Running Total | accagatcc ctctggtgct g | 21 |